



NO

Children younger than 2 years

CT Decision Guide

Pediatric Head Trauma

UNDER 2 YEARS

• GCS < 15

Palpable skull fracture

A California ACEP/Choosing Wisely Collaboration

 AMS (agitation, somnolence, slow response, repetitive questioning)

YES TO ANY

High Risk –
4.4% risk of ci-TBI*

Scalp hematoma (excluding frontal)

- LOC >5 seconds
- Not acting normally per parent
- Severe mechanism of injury
 - Fall > 3 ft
 - MVA w/ejection, rollover, or fatality
 - Bike/ped vs. vehicle w/o helmet
 - Struck by high-impact object



Low Risk - < 0.02%

Intermediate Risk – 0.9%



Clinical factors used to guide decision-making:

- Multiple vs. isolated factors
- Worsening findings during observation (AMS, headache, vomiting)
- · Physician experience
- Parental preference
- < 3 months old</p>

*ci-TBI: risk of clinically important TBI needing acute intervention, based on PECARN validated prediction rules